

ABSTRACT

The method of the present invention provides a method for rapid bowel clean-out using a water-soluble mixture of polyethylene glycol powder and a sodium phosphate powder. The sodium phosphate powder initiates hypermotility of the intestines. The polyethylene glycol maintains the hypermotility of the intestines started by the sodium phosphate powder. The disclosed method is particularly useful for preparing the bowel prior to surgery or diagnostic procedures such as colonoscopies. No osmotic imbalance necessitating the administration of electrolytes is induced.

Claim 67 A method for quickly cleaning out the fecal matter in the colon of a human being by initiating hypermotility of the intestines through an osmotic imbalance using sodium phosphate and maintaining the hypermotility of the intestines using polyethelene glycol; said method comprising the steps of:

 providing the human being with at least two powder mixtures containing:

 approximately 20 grams water soluble disodium phosphate powder
without any additional electrolytes to initiate the flow of diarrhea;

 approximately 60 grams soluble PEG powder by weight, said water
soluble PEG powder without any additional electrolytes and said water soluble PEG
having a molecular weight of between about 3000 Daltons and about 8000 Daltons to
maintain the flow of diarrhea;

 instructing the human being to dissolve a first mixture of said two disodium
phosphate and PEG powder mixtures together in about 1 quart to about 1.5 quarts of
water;

 instructing the human being to drink said water containing said first mixture of
disodium phosphate and PEG powders during the day before the colonoscopy;

 instructing the human being to dissolve a second mixture of said two disodium
and PEG powder mixtures together in about 1 quart to about 1.5 quarts of water;

 instructing the human being to drink said water containing said second mixture of
disodium phosphate and PEG powders approximately six hours after drinking the water
containing said first mixture of disodium phosphate and PEG powder;

instructing the human being to drink sufficient liquid containing sodium and potassium ions the day before the colonoscopy to satisfy hunger;

instructing the human being to add an optional adjuvant to the mixture of disodium phosphate and polyethelene glycol;

allowing said first mixture of water containing said disodium phosphate and PEG powders and said second mixture of water containing said disodium phosphate and PEG powders to cause substantially all fecal matter to be flushed from the colon; wherein said soluble disodium phosphate powder within said water will initiate the creation of diarrhea by hypermotility within the bowel, and said soluble PEG powder within said water will maintain the flow of fecal matter through the bowel resulting in a clean colon for examination.